







Fig. 2 -21 MODIFY A COMMAND SHELL OF THE EXTENSIBLE FIRMWARE INTERFACE TO INCLUDE A COMMAND THAT OPERATES TO COPY THE BOOT SECTOR OF THE HARD DISK TO THE NONVOLATILE RANDOM **ACCESS MEMORY** ·22 STORE THE MODIFIED EXTENSIBLE FIRMWARE INTERFACE IN THE READ-ONLY MEMORY 23 WHEN THE COMPUTER SYSTEM IS INITIALIZED, COPY A BOOT SECTOR OF THE HARD DISK TO THE NONVOLATILE RANDOM ACCESS **MEMORY** -31 ADD A FIELD TO A BIOS MODIFY THE COMMAND - 25 SETUP ROUTINE THAT SHELL OF THE EXTENSIBLE ALLOWS A USER TO ENABLE FIRMWARE INTERFACE TO OR DISABLE READING THE **INCLUDE A SECURITY BOOT RECORD FROM** SIGNATURE INPUT FIELD NONVOLATILE RANDOM ACCESS MEMORY ON BOOT **RUN THE BIOS SETUP** -26 DURING EXECUTION OF THE PORTION OF THE BIOS **EXTENSIBLE FIRMWARE** INTERFACE, DISPLAY THE SECURITY SIGNATURE **ENABLE OR DISABLE** INPUT FIELD TO A USER READING THE BOOT RECORD -27 FROM NONVOLATILE -33 RANDOM ACCESS MEMORY INPUT THE REQUIRED ON BOOT SIGNATURE PRIOR TO UPDATING THE STORED **BOOT SECTOR** .24 READ BACK THE BOOT SECTOR OF THE HARD DISK FROM THE NONVOLATILE RANDOM ACCESS MEMORY ON EACH BOOT TO BYPASS SECTOR ACCESS OF THE HARD DISK DURING SYSTEM **INITIALIZATION**